STANDARD PHRASEOLOGY

SECTION F

1. This section of standard phraseology is for general use in electronic and electrical disciplines.

Disconnect electrically and mechanically and remove equipment listed in 1.3.__. Record electrical hook-up data, using 2.__ for guidance.

F1

Matchmark, identify, and retain _____.

F2

F3 PHRASE DELETED

F4 PHRASE DELETED

F5 PHRASE DELETED

Accomplish an operational test of equipment and circuits.

F6

F7 PHRASE DELETED

NOTE: FOR REFERENCE IN F8 AND F9, USE SE000-01-IMB-010, NAVY INSTALLATION AND MAINTENANCE BOOK (NIMB), SECTION IX, INSTALLATION STANDARDS (SOURCE CD: N0002400003).

Accomplish Swept Voltage Standing Wave Ratio (VSWR) test on _____ in accordance with Paragraph 5-2.11 of 2.__. Test shall be accomplished over the frequency range of equipment being tested.

F8a

Use standard VSWR reference loads at several points (i.e., 1.1:1, 1.25:1, 1.5:1, 2:1 and 3:1) to establish reference lines from lower to upper frequency limits.

F8b

Accomplish Insertion Loss test on _____ in accordance with Paragraph 5-2.11 of 2.__. Tests shall be accomplished over frequency range of equipment being tested.

F9

NOTE: FOR REFERENCE USE 0967-LP-000-0130, ELECTRONICS INSTALLATION AND MAINTENANCE BOOK, TEST METHODS AND PRACTICES.

Accomplish Time Domain Reflectometer (TDR) test on _____ in accordance with Paragraph 5-7 of 2.__. Terminate each coaxial cable within its characteristic impedance and coefficient (RHO) control at maximum sensitivity. Record results on an X-Y recorder.

F10

Visually inspect components prior to cleaning to detect evidence of casualties or deteriorating conditions that may not be apparent after cleaning.

F11

Inspect and test component parts and circuitry for shorts, opens, and grounds and determine missing and defective component parts and circuitry in accordance with 2.__.

F12

Remove existing and install new wiring and component parts, using 2.__ for guidance.

F13

Install Field Change _____. Accomplish the requirements of 2.__.

F14

NOTE: USE FOR REPLACE WITH NEW, INSTALL OR REINSTALL - EQUIPMENT.

Install equipment listed in 1.3.__. Install retained hardware of 3._____ and new CRES fasteners conforming to MIL-DTL-1222, Type I, Grade 304, using 2.__ for guidance. Connect equipment using recorded hook-up data and in accordance with 2.__.

F15a

NOTE: KNOWN TO BE A REQUIREMENT ON CG-47 CLASS.

Install equipment listed in 1.3.__. Install retained hardware of 3.__ and new CRES fasteners conforming to MIL-DTL-1222, Type I, Grade 316, using 2.__ for guidance. Connect equipment using recorded hook-up data and in accordance with 2.__.

F15b

NOTE: FOR REFERENCE USE MIL-STD-1310, SHIPBOARD BONDING, GROUNDING, AND OTHER TECHNIQUES FOR ELECTROMAGNETIC COMPATIBILITY AND SAFETY.

BOND STRAP FABRICATION AND INSTALLATION SHALL BE IN ACCORDANCE WITH SECTIONS 7 AND 8 OF SE000-01-IMB-010, NAVY INSTALLATION AND MAINTENANCE BOOK (NIMB), SECTION VII, INDUSTRIAL ELECTROMAGNETIC COMPATIBILITY (IEMC) WORK PROCESS INSTRUCTIONS (SOURCE CD N0002400003), INDUSTRIAL ELECTROMAGNETIC COMPATIBILITY (IEMC) WORK PROCESS INSTRUCTIONS.

Bond and ground equipment in accordance with 2.__. Grounding straps shall be CRES 316L for topside equipment.

F16a

NOTE: FOR REFERENCE USE (10001) OD 32382, GROUNDING AND BONDING, EQUIPMENT ENCL. CHASSIS AND CASES, DESIGN AND INSTALLATION.

Bond and ground equipment in accordance with 2.__ and 2.__.

F16b

Acceptable criteria for equipment to hull ground via bond or ground strap is one-tenth ohm maximum.

F17

Remove existing and install new lugs conforming to MIL-T-16366.

F18

Remove existing and install new wire markers conforming to SAE-AMS-DTL-23053, Class I, white, marked with indelible ink.

F19

F20 PHRASE DELETED

F21 PHRASE DELETED

NOTE: FOR REFERENCE IN F22-F24, USE SE000-01-IMB-010, NAVY INSTALLATION AND MAINTENANCE BOOK (NIMB), SECTION IX, INSTALLATION STANDARDS (SOURCE CD: N0002400003).

Maintain temporary pressurization of _____ in accordance with Paragraph 5-2.7.1 of 2.__ upon completion of Insertion Loss Test.

F22

Purge and pressurize _____ in accordance with Paragraph 5-1.14 of 2.__ upon completion of _____ installation.

F23

Blank _____ during unattended periods and maintain pressurization in accordance with Paragraph 5-2.6.6 of 2.__.

F24

F25 PHRASE DELETED

NOTE: USE ***F26a-F26c AND F28a-F28b*** FOR POST-REPAIR TEST.

Accomplish Performance Tests of 2.__. Align and adjust within the tolerances specified therein.

F26a

Record readings on performance summary sheets.

F26b

Submit one legible copy, in hard copy or electronic format, of completed summary sheets to the SUPERVISOR.

F26c

F27 PHRASE DELETED

Accomplish an operational test of ship's service dial telephone installation. Accomplish adjustments to verify operational performance within performance tolerance of 2.__.

F28a

Verify circuits for audio output, clarity of voice transmission, and correct phone numbers.

F28b

Measure insulation resistance to ground for each stationary field winding and rotating field winding using a 500 volt direct current megger. Do not apply high voltages through solid state devices.

F29

Accomplish maintenance/reference standards test and record measurements of equipment listed in 1._____ in accordance with 2.__. Calibrate, test, and adjust the equipment and verify the performance of the equipment is within tolerances, using regulated power within the limits specified in 2.__.

F30a

Install and connect equipment aboard ship prior to maintenance/reference standards test.

F30b

F31 PHRASE DELETED

F32 PHRASE DELETED

F33 PHRASE DELETED

F34 PHRASE DELETED

Remove unused foundation(s), cable hanger(s), wireway(s), bracket(s), and stud(s). Chip and grind surfaces flush and smooth in way of removals.

F35

Install new foundations and studs for _____. Template from new equipment. Install equipment at original location.

F36

Install and connect _____, installing new fasteners conforming to MIL-DTL-1222, Type I or II, Grade 5, zinc coated.

F37a

Install and connect _____, installing new CRES fasteners conforming to MIL-DTL-1222, Type I, Grade 304.

F37b

Silver plate _____ in accordance with ASTM B700.

F38

F39a PHRASE DELETED

F39b PHRASE DELETED

Calibrate and adjust each new meter, including associated equipment, to the manufacturer's requirements. Affix a calibration label denoting the name and location of the calibration facility, the date of calibration, and due date for next calibration to the face of each meter.

F40